

Abstract

This invention concerns a method of immobilizing a polymer hydrogel on the surface of a
5 corresponding polymer substrate, and a polymer substrate that has a polymer hydrogel layer
immobilized, at least in areas, on its surface. The invention has applications particularly as a
biocompatible hydrogel coating in the field of medical technology, for example as a coating
for surfaces coming in contact with blood, as in hemodialysis, and as a coating for urinary
catheters, venous catheters, stents and other surfaces.

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